

ABSTRACT OF THE DISCLOSURE

In a digital circuit multiplication equipment (DCME) equipped with tandem pass-through function, a speech coding device and a speech decoding device are resettable in a synchronous resetting mode. ~~In such a digital circuit multiplication equipment equipped with a tandem pass-through function capable of passthrough-transmitting a signal with respect to a trunk channel repeated/connected thereto via a exchange, while not performing both a low-bit-rate speech encoding operation and also a low-bit-rate speech decoding operation, the digital circuit multiplication equipment is comprised of: means for transmitting (notifying) the number of trunk channel operated under pass-through operation to another digital circuit multiplication equipment connected via a bearer circuit; and means for continuously assigning a bearer circuit with respect to the number of trunk channel operated under pass-through operation, the trunk channel number being received from another digital circuit multiplication equipment connected thereto via the bearer circuit~~ The DCME includes a transmission device and a unit to continuously assign and transmit data from a trunk channel to another DCME via a bearer circuit and an exchange during pass-through operation.